



HI98703 Turbidity Meter

Fast Tracker™ Technology,
EPA Compliant

- **Four-point calibration**
 - Up to four-point calibration
- **Connectivity**
 - USB and RS232 PC connectivity
- **Logging**
 - Log up to 200 records
- **GLP features**
 - Meets Good Laboratory Practices
- **Backlight**
 - User-friendly, backlit display
- **Battery indicator**
 - Battery % on startup

The HI98703 meets and exceeds the requirements of the USEPA Method 180.1 for wastewater and Standard Method 2130 B for drinking water. The instrument has an EPA compliance reading mode which rounds readings to meet EPA reporting requirements. Users will appreciate the accuracy and sensitivity of this instrument, particularly at very low turbidity levels.

This instrument incorporates complete GLP (Good Laboratory Practice) functions that allow traceability of the calibration conditions. The last calibration points, time and date can be checked at the touch of a button.

With its logging function, up to 200 measurements, along with its tagged locations, can be stored in internal memory and consulted at any time. Data can be later transferred to a PC via RS232 or USB interface and Hanna HI92000 software (optional).

Specifications	HI98703
Range	0.00 to 1000 NTU
Range Selection	automatic
Resolution	0.01 (0.00 to 9.99 NTU); 0.1 (10.0 to 99.9 NTU); 1 (100 to 1000 NTU)
Accuracy	±2% of reading plus 0.02 NTU
Repeatability	±1% of reading or 0.02 NTU, whichever is greater
Stray Light	< 0.02 NTU
Light Detector	silicon photocell
Light Source	tungsten filament lamp
Lamp Life	greater than 100,000 readings
Method	ratio nephelometric method (90°), ratio of scattered and transmitted light; adaptation of the USEPA method 180.1 and standard method 2130 B
Measuring mode	normal, average, continuous
Turbidity Standards	<0.1, 15, 100 and 750 NTU
Calibration	two, three or four-point calibration
LOG Memory	200 records
Serial Interface	USB or RS232
Environment	0 to 50°C (32 to 122°F); RH max 95% non-condensing
Power Supply	1.5V AA alkaline batteries (4) or AC adapter; auto-off after 15 minutes of non-use
Dimensions / Weight	224 x 87 x 77 mm (8.8 x 3.4 x 3.0") / 512 g (18 oz.)
Ordering Information	HI98703-01 (115V) and HI98703-02 (230V) are supplied with sample cuvettes and caps (5), calibration cuvettes, silicone oil (HI98703-58), cuvette wiping cloth, batteries, AC adapter, instruction manual and rugged carrying case.

See page 12.19 for reagents and accessories

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instruments

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